**Actor Linkage matrix (Strength)-Sinana**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Actor** | **Sinana Agricultural research center** | **Woreda Office of Agriculture** | **Madawalabu University** | **HUNDEE** | **Woreda small and micro enterprise office** | **Sinana Woreda youth and sport office** | **ICARDA** | **AGP** | **Other actors** | | | |
| **Ethio-Etalian (NGO)** | **Sinana chemical company** | **Farmers’ cooprative union** | **Dabaree (Women associations)** |
| **Sinana Agricultural research center** |  | 2 | 3 | (-) | (-) | (-) | 2 | (-) | 3 | 2 | (-) | (-) |
| **Woreda Office of Agriculture** |  |  | 1 | 4 | 2 | 1 | (-) | 5 | (-) | (-) | (-) | (-) |
| **Madawalabu University** |  |  |  | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) |
| **HUNDEE** |  |  |  |  | (-) | (-) | (-) | (-) | (-) | (-) | 3 | (-) |
| **Woreda small and micro enterprise office** |  |  |  |  |  | (-) | (-) | (-) | (-) | (-) | (-) | (-) |
| **Sinana Woreda youth and sport office** |  |  |  |  |  | (-) | (-) | (-) | (-) | (-) | (-) | (-) |
| **ICARDA** |  |  |  |  |  |  |  | (-) | (-) | (-) | (-) | (-) |
| **AGP** |  |  |  |  |  |  |  |  | (-) | (-) | (-) | (-) |

**Intensity (tightness of linkage):** Very strong linkage (5); Strong linkage (4); Medium linkage (3); Weak linkage (2)**;** Wery weak linkage (1)**;** No institutional linkage(-)

**Actor Linkage matrix (Purpose)-Sinana**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Actor** | **Sinana Agricultural research center** | **Woreda Office of Agriculture** | **Madawalabu University** | **HUNDEE** | **Woreda small and micro enterprise office** | **Sinana Woreda youth and sport office** | **ICARDA** | **AGP** | **Other actors** | | | |
| **Ethio-Etalian (NGO)** | **Sinana chemical company** | **Farmer cooperative union** | **Dabaree (Women associations)** |
| **Sinana Agricultural research center** |  | Techno. Promotion; Scale up/out | Capacity building; Joint research and technology promotion | (-) | (-) | (-) | Techno. Generation; Scale up/out; Capacity dev’t (trainings& research attachement) | (-) | Value chain assessment; Capacity dev’t; Techno. promotion | Agro. Chemical- pesticide, fungicide screening | (-) | (-) |
| **Woreda Office of Agriculture** |  |  | Community service; Capacity building; field days/experience sharing | Community mobilization; Value chain dev’t; capacity dev’t | Training for small/micro enterprises; credit access | Community/youth mobilization for NRM campaigns | (-) | NRM work; tecno. and finance supply; Capacity building | (-) | (-) | (-) | (-) |
| **Madawalabu University** |  |  |  | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) |
| **HUNDEE** |  |  |  |  | (-) | (-) | (-) | (-) | (-) | (-) | Community mobilization; Value chain dev’t; Capacity dev’t | (-) |
| **Woreda small and micro enterprise office** |  |  |  |  |  | (-) | (-) | (-) | (-) | (-) | (-) | (-) |
| **Sinana Woreda youth and sport office** |  |  |  |  |  |  | (-) | (-) | (-) | (-) | (-) | (-) |
| **ICARDA** |  |  |  |  |  |  |  | (-) | (-) | (-) | (-) | (-) |
| **AGP** |  |  |  |  |  |  |  |  | (-) | (-) | (-) | (-) |